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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/645,479

08/22/2003

Jin-hyung Kim

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EXAMINER

KASSA, HILINA S

ART UNIT

PAPER NUMBER

2625

MAIL DATE

DELIVERY MODE

12/15/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<p align="center">Advisory Action Before the Filing of an Appeal Brief</p>	<p>Application No. 10/645,479</p>	<p>Applicant(s) KIM, JIN-HYUNG</p>	
	<p>Examiner HILINA S. KASSA</p>	<p>Art Unit 2625</p>	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 14 November 2008 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
- (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ They raise the issue of new matter (see NOTE below);
- (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
- The status of the claim(s) is (or will be) as follows:
- Claim(s) allowed: _____.
- Claim(s) objected to: _____.
- Claim(s) rejected: 1-16.
- Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
12. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). _____
13. ☐ Other: _____.

/David K Moore/
Supervisory Patent Examiner, Art Unit 2625

/Hilina S Kassa/
Examiner, Art Unit 2625

Continuation of 11. does NOT place the application in condition for allowance because: The arguments are not persuasive.

Applicant argues that Fritz does not disclose "determining whether data to be printed are not received by the wireless printer server for more than a predetermined period during the wireless printing operation".

With respect to the argument, Fritz disclose sending a keep alive messages frequently to the printer server. A keep alive timer is implemented in the entity and comprises a starting device that is arranged for starting and restarting the keep alive timer each time a valid message is sent to the printer server. Print data that is to be printed by the printer is send by the sending device along with the request message. The printing process is broken when the ACL connection is broken (column 5, lines 35-60). Therefore, it is disclosed that there is a timer that keeps the printer and the server alive to communicate with one another unless when the signal/connection between the two is not received/broken. So, the stated arguemnt is not persuasive.

Applicant argues that Fritz does not disclose "determining whether a link state or a link quality of a wireless communication is good by analyzing the received wireless communicaiotn informaiton"

With respect to the arugment, Fritz disclose wherein the ACL connection is analyzed if the connection is broken as stated in column 5, lines 56-62. Also, in column 9, lines 11-19; note that the ACL connection is established to be connection-less as in good communication state through the analysis of the printer protocol. Therefore, the above argument is taught in Fritz et al.

Applicant argues that Frits does not disclose "the print error informaiton is displayed on a display screen of the printer or is printed in by the printer".

With respect to the arugment, Fritz disclose that a message is reported by the printer i.e. the printing process might be broken because the ACL connection is broken and the message is sent to the print server which gives a note to the user by displaying it on the screen on PC. It is inherent that the printer already knows the error message since it is initially sent by the printer itself. For user convenience, it is displayed by the PC screen. Therefore, it is inherent that the printer displays an error message. So, the stated arguemnt is not persuasive.